

the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle G of title X, add the following:

**SEC. 10. PROHIBITED USES OF ACQUIRED, DONATED, AND CONSERVATION LAND.**

Section 714(a) of the California Desert Protection Act of 1994 (16 U.S.C. 410aaa–81c(a)) is amended by striking paragraph (3) and inserting the following:

“(3) CONSERVATION LAND.—The term ‘conservation land’ means—

“(A) any land within the Conservation Area that is designated to satisfy the conditions of a Federal habitat conservation plan, general conservation plan, or State natural communities conservation plan;

“(B) any national conservation land within the Conservation Area established pursuant to section 2002(b)(2)(D) of the Omnibus Public Land Management Act of 2009 (16 U.S.C. 7202(b)(2)(D)); and

“(C) any area of critical environmental concern within the Conservation Area established pursuant to section 202(c)(3) of the Federal Land Policy and Management Act of 1976 (43 U.S.C. 1712(c)(3)).”.

**SA 4090.** Mrs. FISCHER (for herself and Ms. KLOBUCHAR) submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in title X, insert the following:

**SEC. ADVANCING IOT FOR PRECISION AGRICULTURE.**

(a) **SHORT TITLE.**—This section may be cited as the “Advancing IoT for Precision Agriculture Act of 2021”.

(b) **PURPOSE.**—It is the purpose of this section to promote scientific research and development opportunities for connected technologies that advance precision agriculture capabilities.

(c) **NATIONAL SCIENCE FOUNDATION DIRECTIVE ON AGRICULTURAL SENSOR RESEARCH.**—In awarding grants under its sensor systems and networked systems programs, the Director of the National Science Foundation shall include in consideration of portfolio balance research and development on sensor connectivity in environments of intermittent connectivity and intermittent computation—

(1) to improve the reliable use of advance sensing systems in rural and agricultural areas; and

(2) that considers—

(A) direct gateway access for locally stored data;

(B) attenuation of signal transmission;

(C) loss of signal transmission; and

(D) at-scale performance for wireless power.

(d) **UPDATING CONSIDERATIONS FOR PRECISION AGRICULTURE TECHNOLOGY WITHIN THE**

NSF ADVANCED TECHNICAL EDUCATION PROGRAM.—Section 3 of the Scientific and Advanced-Technology Act of 1992 (42 U.S.C. 1862i) is amended—

(1) in subsection (d)(2)—

(A) in subparagraph (D), by striking “and” after the semicolon;

(B) in subparagraph (E), by striking the period at the end and inserting “; and”; and

(C) by adding at the end the following:

“(F) applications that incorporate distance learning tools and approaches.”;

(2) in subsection (e)(3)—

(A) in subparagraph (C), by striking “and” after the semicolon;

(B) in subparagraph (D), by striking the period at the end and inserting “; and”; and

(C) by adding at the end the following:

“(E) applications that incorporate distance learning tools and approaches.”; and

(3) in subsection (j)(1), by inserting “agricultural,” after “commercial.”.

(e) **GAO REVIEW.**—Not later than 18 months after the date of enactment of this section, the Comptroller General of the United States shall provide—

(1) a technology assessment of precision agriculture technologies, such as the existing use of—

(A) sensors, scanners, radio-frequency identification, and related technologies that can monitor soil properties, irrigation conditions, and plant physiology;

(B) sensors, scanners, radio-frequency identification, and related technologies that can monitor livestock activity and health;

(C) network connectivity and wireless communications that can securely support digital agriculture technologies in rural and remote areas;

(D) aerial imagery generated by satellites or unmanned aerial vehicles;

(E) ground-based robotics;

(F) control systems design and connectivity, such as smart irrigation control systems; and

(G) data management software and advanced analytics that can assist decision making and improve agricultural outcomes; and

(2) a review of Federal programs that provide support for precision agriculture research, development, adoption, education, or training, in existence on the date of enactment of this section.

**SA 4091.** Mr. DURBIN submitted an amendment intended to be proposed to amendment SA 3867 submitted by Mr. REED and intended to be proposed to the bill H.R. 4350, to authorize appropriations for fiscal year 2022 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes; which was ordered to lie on the table; as follows:

Strike sections 1031 through 1034 and insert the following:

**SEC. 1031. PROHIBITION ON USE OF FUNDS TO OPERATE THE DETENTION FACILITY AT UNITED STATES NAVAL STATION, GUANTANAMO BAY, CUBA, AFTER SEPTEMBER 30, 2023.**

None of the funds authorized to be appropriated or otherwise made available by this Act or any other Act may be used to operate the detention facility at United States Naval Station, Guantanamo Bay, Cuba, after September 30, 2023.

**SEC. 1032. REPEAL OF PROHIBITIONS RELATING TO DETAINEES AT UNITED STATES NAVAL STATION, GUANTANAMO BAY, CUBA.**

(a) **USE OF FUNDS FOR TRANSFER OR RELEASE OF INDIVIDUALS DETAINED AT UNITED STATES NAVAL STATION, GUANTANAMO BAY, CUBA, TO THE UNITED STATES.**—Section 1033 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115–232; 132 Stat. 1953), as most recently amended by section 1041 of the William M. (Mac) Thornberry National Defense Authorization Act for Fiscal Year 2021 (Public Law 116–283), is repealed.

(b) **USE OF FUNDS TO CONSTRUCT OR MODIFY FACILITIES IN THE UNITED STATES TO HOUSE DETAINEES TRANSFERRED FROM UNITED STATES NAVAL STATION, GUANTANAMO BAY, CUBA.**—Section 1034 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115–232; 132 Stat. 1954), as most recently amended by section 1042 of the William M. (Mac) Thornberry National Defense Authorization Act for Fiscal Year 2021 (Public Law 116–283), is repealed.

(c) **USE OF FUNDS FOR TRANSFER OR RELEASE OF INDIVIDUALS DETAINED AT UNITED STATES NAVAL STATION, GUANTANAMO BAY, CUBA, TO CERTAIN COUNTRIES.**—Section 1035 of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Public Law 115–232; 132 Stat. 1954), as most recently amended by section 1043 of the William M. (Mac) Thornberry National Defense Authorization Act for Fiscal Year 2021 (Public Law 116–283), is repealed.

**SEC. 1033. REPEAL OF CERTAIN REQUIREMENTS FOR CERTIFICATIONS AND NOTIFICATIONS RELATING TO TRANSFER OF DETAINEES AT UNITED STATES NAVAL STATION, GUANTANAMO BAY, CUBA, TO FOREIGN COUNTRIES AND OTHER FOREIGN ENTITIES.**

(a) **CERTIFICATION.**—Section 1034 of the National Defense Authorization Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat. 969; 10 U.S.C. 801 note) is repealed.

(b) **NOTIFICATION.**—Section 308 of the Intelligence Authorization Act for Fiscal Year 2012 (Public Law 112–87; 125 Stat. 1883; 10 U.S.C. 801 note) is repealed.

**SEC. 1034. REPEAL OF CHAPTER 47A OF TITLE 10, UNITED STATES CODE.**

(a) **IN GENERAL.**—Subchapters I through VI and subchapter VIII of chapter 47A of title 10, United States Code, are repealed.

(b) **CONFORMING AMENDMENTS TO SUBCHAPTER VII.**—Subchapter VII of chapter 47A of such title is amended—

(1) in section 950d(a)(3), by inserting “(as in effect on the day before the date of the enactment of the National Defense Authorization Act for Fiscal Year 2022)” after “of this title”;

(2) in section 950f—

(A) in subsection (b)—

(i) in paragraph (2), by inserting “(as in effect on the day before the date of the enactment of the National Defense Authorization Act for Fiscal Year 2022)” after “of this title”; and

(ii) in paragraph (6)(B), by striking “section 949b(b)(4) of this title” and inserting “paragraph (7)”; and

(B) by adding at the end the following new paragraph:

“(7) No appellate military judge on the United States Court of Military Commission Review may be reassigned to other duties, except under circumstances as follows:

“(A) The appellate military judge voluntarily requests to be reassigned to other duties and the Secretary of Defense, or the designee of the Secretary, in consultation with the Judge Advocate General of the armed force of which the appellate military judge is a member, approves such reassignment.